

2018 Current Fiscal Year Report: National Agricultural Research, Extension, Education, and Economics Advisory Board

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1. Department or Agency

Department of Agriculture

2. Fiscal Year

2018

3. Committee or Subcommittee

National Agricultural Research, Extension, Education, and Economics Advisory Board

3b. GSA

Committee No.

5144

4. Is this New During Fiscal Year?

No

5. Current Charter

07/07/2015

6. Expected Renewal Date

07/07/2018

7. Expected Term Date

09/30/2018

8a. Was Terminated During Fiscal Year?

No

8b. Specific Termination Authority

The Agricultural Act of 2014

8c. Actual Term Date

9. Agency Recommendation for Next Fiscal Year

Continue

10a. Legislation Req to Terminate?

Not Applicable

10b. Legislation Pending?

Not Applicable

11. Establishment Authority Statutory (Congress Created)

12. Specific Establishment Authority

Sect. 1408 NARETP Act, Sect. 802 of 1996 FAIR Act

13. Effective Date

04/04/1996

14. Committee Type

Continuing

14c. Presidential?

No

15. Description of Committee Scientific Technical Program Advisory Board

16a. Total Number of Reports

3

16b. Report

Date

Report Title

09/28/2018 2017 Relevance and Adequacy Review: Responding to Climate and Energy Needs

09/28/2018 Recommendations from the Science Advisory Council: USE OF GENE EDITING IN USDA RESEARCH

09/28/2018 Report and Recommendations from the National Genetic Resources Advisory Council: Strengthening Strategic Genetic Resources for Livestock, Poultry, and Aquatic Species in the United States

Number of Committee Reports Listed: 3

17a. Open 4 17b. Closed 0 17c. Partially Closed 0 Other Activities 0 17d. Total 4 Meetings and Dates

Purpose

Start

End

	A regular bi-annual meeting of the National Agricultural Research, Extension, Education, and Economics Advisory Board to deliberate and approve the 2017 Relevance and Adequacy review on the REE Action Goals: Climate and Energy Needs, the NGRAC report on Poultry, Aquatic and Livestock Genetic Resources, and the report from the Science Advisory Council on Gene Editing.	09/28/2018 - 09/28/2018
[Citrus Disease Subcommittee]	A meeting of the Citrus Disease Subcommittee to provide consultation to NIFA on the priorities and agenda for the Citrus Disease Research and Extension Program.	01/25/2018 - 01/26/2018
[National Genetic Resources Advisory Council Subcommittee]	A face to face meeting of the National Genetic Resources Advisory Council to finalize the animal and aquatic genetic resources report and recommendations and to receive updates from USDA on genetic resource issues.	08/29/2018 - 08/30/2018
[Specialty Crop Committee]	For the Specialty Crop Committee to hold its annual consultation with the USDA National Institute of Food and Agriculture on the relevancy review process used for the Specialty Crop Research Initiative.	09/19/2018 - 09/19/2018

Number of Committee Meetings Listed: 4

	Current FY	Next FY
18a(1). Personnel Pmts to Non-Federal Members	\$0.00	\$0.00
18a(2). Personnel Pmts to Federal Members	\$256,902.00	\$0.00
18a(3). Personnel Pmts to Federal Staff	\$0.00	\$265,000.00
18a(4). Personnel Pmts to Non-Member Consultants	\$0.00	\$0.00
18b(1). Travel and Per Diem to Non-Federal Members	\$10,385.00	\$70,000.00
18b(2). Travel and Per Diem to Federal Members	\$0.00	\$0.00
18b(3). Travel and Per Diem to Federal Staff	\$2,316.00	\$10,000.00
18b(4). Travel and Per Diem to Non-member Consultants	\$0.00	\$0.00
18c. Other(rents,user charges, graphics, printing, mail, etc.)	\$5,672.00	\$50,000.00
18d. Total	\$275,275.00	\$395,000.00
19. Federal Staff Support Years (FTE)	2.00	2.00

20a. How does the Committee accomplish its purpose?

The National Agricultural Research, Extension, Education, and Economics Advisory Board is a congressionally-mandated Board of 25 members (and 6 ex-officio members), who are appointed by the Secretary of Agriculture to represent the interests and needs of broad and diverse stakeholders across the Nation. Stakeholders consist of those people from the farm, rural, food, fiber and natural resource sectors (public and private). Their respective affiliations include: businesses; organizations; local and state governments; regional groups; producers; processors; food and fiber handlers and transportation servers; retailers; teachers (K-12) and other educators; Land-Grant colleges and universities, along with interested non-Land-Grants; scientists; engineers; economists; and the American consumers. The Advisory Board's numerous advisory roles have increased, primarily as a result of additional congressional legislation, but also to support requests by USDA on current and emerging issues of national importance. The Board continues to accomplish its purpose by addressing numerous requirements that were

mandated by Congress in 1996, 1998, 2002, 2004, 2008, 2012, and 2014 legislation, in addition to USDA specific requests for advice. These activities are discussed and conducted, in part, at the two full Annual Board Meetings held approximately 6 months apart. Many activities continue throughout the interim by short-term Working Groups, Task Forces, Planning Committees, Ad Hoc Committees, and the recently established congressionally-mandated Citrus Disease Subcommittee, the Specialty Crop Committee, the National Genetic Resources Advisory Council Subcommittee, and the Renewable Energy Committee. The Executive Committee of the Board meets monthly via conference call to receive updates on progress and to discuss emerging issues of national importance. The Executive Committee includes the USDA Under Secretary for Research, Education, and Economics (ex-officio to the full Board) on these calls, which encourages dialogue between USDA and the represented stakeholder group. The detailed processes conducted by the above groups require efficient and effective methods in order to be completed; these efforts include: regular conference call communications, electronic transmission of correspondence and development of draft reports. The NAREEE Advisory Board Office at USDA, via professional staff, ensures that the work of the Board is efficiently coordinated and that there is clear communication among the Chair, Vice Chair, working group members, and others involved. Without this centralized coordination, there would be major issues with member communication, report development, and FACA compliance. In order for their recommendations to be transmitted to the Secretary, the Land-Grant Universities and Colleges, and the House and Senate Agriculture and Appropriation committees/subcommittees in a timely manner and with a thorough review by Board members, the Board has found the most success and cost-savings by carrying out their important work in the methods discussed above.. The NAREEE Advisory Board has evolved significantly since its establishment in 1996 – in terms of important tasks addressed at each meeting, the number of Board and subgroup members, the balance of distinguished individuals within its membership, and the high respect and recognition it receives by the broad and diverse stakeholders across the country. The Board continues to be a positive model for other USDA advisory committees.

20b. How does the Committee balance its membership?

The membership of the Advisory Board is comprised of 25 members, who are appointed by the Secretary of Agriculture, to represent the breadth of affiliation categories within the food, fiber, natural resource, and agricultural sectors. The specific member categories were defined by Congress in the 1996 farm bill, with one additional category made via 2002 congressional legislation to include a non-Land Grant College or University with historic commitment to research in food and agricultural sciences. The range of categories include: farm cooperatives; plant commodity producer; food animal commodity producer; the 1890, 1994, and 1862 Land-Grant colleges and universities, respectively; human

health association; American Colleges of Veterinary Medicine; transportation of agricultural products; aquaculture; food retailing and marketing; food and fiber processors; national forestry group; rural economic development; non-Land-Grant institution; and others. Many members have diversified expertise and knowledge. This broad diversity in the Board's collective membership ensures that the full breadth of food, forestry, agriculture, veterinary medicine, biotechnology, natural resources, and other science-related interests are well represented. In addition, the Advisory Board Office strives to ensure geographic, gender, race, and ethnic diversity on the Board. The Board also has six ex-officio members made up of the USDA Secretary, the REE Under Secretary, the Administrator of the Agricultural Research Service, the Administrator of the National Institute of Food and Agriculture, the Administrator of the Economic Research Service, and the Administrator of the National Agricultural Statistics Service .

20c. How frequent and relevant are the Committee Meetings?

The NAREEE Advisory Board is mandated to meet twice a year. In FY2018, the Board met once via teleconference. In FY 2018, there was 1 monthly Executive Committee meeting via teleconference. The Executive Committee ensures that Board's activities continue throughout the year and that there is continued dialogue and planning. Numerous other subcommittee, subgroup and ad hoc committee meetings took place for administrative purposes in order to facilitate the Board's work. Board subgroups (working groups, task forces, ad hoc committees) are established by statute or by the Board's Chair and Executive Committee to facilitate work to carry out congressional requirements and key advisory activities requested by USDA.

20d. Why can't the advice or information this committee provides be obtained elsewhere?

The NAREEE Advisory Board is the only advisory committee that specifically addresses USDA's research, extension, education, and economics programs, which are under the auspices of its Research, Education, and Economics mission area and comprised of four agencies. The Board is responsible for advising the Secretary of Agriculture, the Land-Grant colleges and universities across the Nation, and the Senate and House Agriculture and Agriculture Appropriations committees/subcommittees of the U.S. Congress. Advice given by the Advisory Board can have great potential to affect agricultural policy and the future research budget. The Board's formal "Recommendations and Reports to the Secretary" are based upon topics of national importance and represent the input of stakeholder groups. The Board provides the Secretary of Agriculture with a consensus backed by sound science and offers the opportunity for positive change and future success of America's food and agriculture system.

20e. Why is it necessary to close and/or partially closed committee meetings?

N/A

21. Remarks

The Agricultural Act of 2014 reauthorized the Board on February 7, 2014, through September 30, 2018.

Designated Federal Officer

Michele Esch Executive Director

Committee Members	Start	End	Occupation	Member Designation
Allen, James	05/01/2018	09/30/2020	Executive Director, School of Forestry, Northern Arizona University	Representative Member
Baltensperger, David	05/01/2018	09/30/2020	Department Head, Texas A&M University	Representative Member
Beck, Robin	10/01/2016	09/30/2019	Owner, Rockin' Sheep Products and Executive Director, Maine Rural Partners	Representative Member
Brannon, Patsy	10/01/2012	09/30/2018	Professor/Nutritionist, Cornell University	Representative Member
Buckner, Edmund	05/01/2018	09/30/2020	Dean & Director, Land Grant Programs, Alcorn State University	Representative Member
Carr, Chalmers	10/01/2015	11/30/2018	Owner, Titan Farms	Representative Member
Coupland, John	05/01/2018	09/30/2020	Professor of Food Science	Representative Member
De Los Santos, Richard	10/01/2016	09/30/2019	Coordinator for Horticulture, Produce, and Forestry Marketing, Texas Department of Agriculture	Representative Member
Ellis, Chad	05/01/2018	09/30/2020	Industry Relations Manager, Noble Research Institute	Representative Member
Fay, Robert	10/01/2015	09/30/2018	Vice President, Seminole Gulf Railway LP	Representative Member
Francis, Sarah	05/01/2018	09/30/2020	Associate Professor of Human Sciences, Nutrition, and Wellness, Iowa State University	Representative Member
Gaussoin, Roch	10/01/2016	09/30/2019	Professor and Department Head, Department of Agronomy and Horticulture, University of Nebraska	Representative Member
Hobart, Lisabeth	05/01/2018	09/30/2020	Government Affairs Director	Representative Member
Jefferson-Moore, Kenrett	10/01/2016	09/30/2019	Professor, North Carolina A&T University	Representative Member
Kannan, Govind	10/01/2013	09/30/2019	Dean and Director, College of Agriculture, Family Science and Technology, Fort Valley State University	Representative Member
Lawrence, Mark	10/01/2016	09/30/2019	Professor and Associate Dean, Research and Graduate Studies, College of Veterinary Sciences, Mississippi State University	Representative Member
Levi, Annette	10/01/2015	09/30/2018	Professor and Chair, Agricultural Business Department, California State University Fresno	Representative Member
Lusk, Jayson	05/01/2018	09/30/2020	Department Head, Purdue University	Representative Member
Luthi, Wathina	10/01/2012	09/30/2018	Owner/Farmer, Luthi Farms	Representative Member

McAdams, Molly	10/01/2015 09/30/2018	President and Co-Founder, Om3	Representative Member
Mojica, Agnes	10/01/2012 09/30/2018	Chancellor, Inter American University of Puerto Rico	Representative Member
Oltrogge, Michael	10/01/2016 09/30/2019	President, Nebraska Indian Community College	Representative Member
Sabin, Julia	10/01/2012 09/30/2018	Vice President, Industry and Government Affairs, The J.M. Smucker Company	Representative Member
Tracy, Richard	10/01/2015 08/16/2018	Vice President of International Programs, Global Cold Chain Alliance	Representative Member
Villwock, Don	10/01/2015 09/30/2018	Farmer, Villwock Farms; Representing: American Farm Bureau	Representative Member
Ziegler, Robert	05/01/2018 09/30/2020	Director General Emeritus, International Rice Research Institute	Representative Member
Brown, Justin [Citrus Disease Subcommittee]	10/01/2014 09/30/2018	D Bar J Orchards mInc.	Representative Member
Davis, Joe [Citrus Disease Subcommittee]	10/01/2012 09/30/2018	Citrus Producer, Davis Citrus Management	Representative Member
Heller, Paul [Citrus Disease Subcommittee]	10/01/2013 09/30/2018	Citrus Producer	Representative Member
Howard, David [Citrus Disease Subcommittee]	10/01/2014 09/30/2018	Citrus Producer, Graves Brothers Company	Representative Member
Jenkins, Tom [Citrus Disease Subcommittee]	10/01/2013 09/30/2018	Citrus Producer	Representative Member
Kress, Ricke [Citrus Disease Subcommittee]	10/01/2012 09/30/2018	Southern Gardens Citrus	Representative Member
McLean, Matthew [Citrus Disease Subcommittee]	10/01/2014 09/30/2018	Uncle Matt's Organic, Inc.	Representative Member
Rabe, Etienne [Citrus Disease Subcommittee]	10/01/2013 09/30/2018	Citrus Producer	Representative Member
Roark, Donald [Citrus Disease Subcommittee]	10/01/2014 09/30/2018	Roark Orchards, Inc.	Representative Member
Gepts, Paul [National Genetic Resources Advisory Council Subcommittee]	10/01/2015 09/30/2018	Professor of Plant Sciences and Geneticist, Dept of Plant Science, University of California Davis	Representative Member
Johnson, Timothy [National Genetic Resources Advisory Council Subcommittee]	10/01/2015 09/30/2018	Director, the Botanic Garden of Smith College	Representative Member
Krishnan, Sarada [National Genetic Resources Advisory Council Subcommittee]	10/01/2016 09/30/2019	Director of Horticulture and Center for Global Initiatives, Denver Botanic Gardens	Representative Member
McCluskey, Kevin [National Genetic Resources Advisory Council Subcommittee]	10/01/2016 09/30/2019	Curator/Research Professor, Fungal Genetics Stock Center, Kansas State University	Representative Member
McFerson, James [National Genetic Resources Advisory Council Subcommittee]	10/01/2016 09/30/2019	Director, Washington State University Research and Extension Center	Representative Member
Misra, Manjit [National Genetic Resources Advisory Council Subcommittee]	10/01/2011 09/30/2017	Professor/Director of the Seed Science Center, Iowa State University	Representative Member
Smith, Stephen [National Genetic Resources Advisory Council Subcommittee]	10/01/2011 09/30/2017	Affiliate Professor, Agronomy; Visiting Scientist, Seed Science Center	Representative Member
Tiersch, Terrence [National Genetic Resources Advisory Council Subcommittee]	10/01/2016 09/30/2019	Professor and Director, Aquatic Germplasm and Genetic Resources Center, Louisiana State University Agricultural Center	Representative Member
Aerts, Mike [Specialty Crop Committee]	10/01/2013 09/30/2018	Florida Fruit & Vegetable Association	Representative Member

Carnes, J. Allen [Specialty Crop Committee]	10/01/2016 09/30/2019 Owner/President, Winter Gardens Produce, LLC	Representative Member
Carr, Chalmers [Specialty Crop Committee]	10/01/2015 09/30/2018 Farmer	Representative Member
Carr, Chalmers [Specialty Crop Committee]	10/01/2015 09/30/2018 Farmer	Representative Member
Hall, Charles [Specialty Crop Committee]	10/01/2013 09/30/2018 Georgia Fruit & Vegetable Growers	Representative Member
Korson, Phil [Specialty Crop Committee]	10/01/2013 09/30/2018 Cherry Marketing Institute	Representative Member
Levi, Annette [Specialty Crop Committee]	10/01/2016 09/30/2018 Professor	Representative Member
Peebles, Shawn [Specialty Crop Committee]	10/01/2016 09/30/2019 Farmer/Owner, Kelly and Shawn Peebles Farm	Representative Member
Sabin, Julia [Specialty Crop Committee]	10/01/2013 09/30/2018 VP Government Affairs, JM Smucker	Representative Member
Scharlau, Vicky [Specialty Crop Committee]	10/01/2016 09/30/2019 Executive Director, Washington Association of Wine Grape Growers	Representative Member

Number of Committee Members Listed: 53

Narrative Description

The National Agricultural Research, Extension, Education, and Economics Advisory Board (the Board) is congressionally mandated to advise the Secretary of Agriculture on short- and long-term priorities and policies for research, education, extension and economics. The mandate also requires the Board to provide ongoing advice on the Research, Education, and Economics (REE) Strategic Plan - this includes the initial plan and revisions thereafter. With this in mind, all of the Board's work is framed around the REE agencies' activities, which support the overall mission of USDA. The REE mission area consists of 4 separate agencies. The annual review of the REE portfolio for Relevance and Adequacy of Funding (mandated in 1998 by congressional legislation) is based on the goals identified in the REE Strategic Plan and the past year's REE activities. In addition, one of the roles of the Advisory Board is to help REE enhance its Strategic Plan and fiscal year budget priorities by providing ongoing advice on short- and long-term priorities and policies for REE. Each Board Meeting focuses on at least one topic that supports at least one national goal in the Strategic Plan.

What are the most significant program outcomes associated with this committee?

Checked if Applies

Improvements to health or safety	<input checked="" type="checkbox"/>
Trust in government	<input checked="" type="checkbox"/>
Major policy changes	<input checked="" type="checkbox"/>
Advance in scientific research	<input checked="" type="checkbox"/>
Effective grant making	<input checked="" type="checkbox"/>
Improved service delivery	<input checked="" type="checkbox"/>

Increased customer satisfaction	<input checked="" type="checkbox"/>
Implementation of laws or regulatory requirements	<input type="checkbox"/>
Other	<input checked="" type="checkbox"/>

Outcome Comments

High priority issues including, but not limited to: a review of the relevance of the REE programs focused on food safety and human nutrition and obesity to the identified priorities and the adequacy of funding for those programs; a review of the efforts in rigor and reproducibility in REE science; a consultation between the National Institute of Food and Agriculture on the Specialty Crop Research Initiative and the Citrus Disease Research and Extension Program; were performed or addressed by the Board throughout FY2015.

What are the cost savings associated with this committee?

Checked if Applies

None	<input type="checkbox"/>
Unable to Determine	<input type="checkbox"/>
Under \$100,000	<input type="checkbox"/>
\$100,000 - \$500,000	<input type="checkbox"/>
\$500,001 - \$1,000,000	<input type="checkbox"/>
\$1,000,001 - \$5,000,000	<input type="checkbox"/>
\$5,000,001 - \$10,000,000	<input checked="" type="checkbox"/>
Over \$10,000,000	<input type="checkbox"/>
Cost Savings Other	<input type="checkbox"/>

Cost Savings Comments

With respect to cost savings associated with the Advisory Board, it is estimated that between five and \$10 million of publicly-funded money is saved via efforts of the Advisory Board in advising the Secretary on research, education, economics and extension. The Board reviews annually the REE program portfolio to determine duplication of efforts or to identify a high priority that is critical for USDA to address for the Nation's health, security, and food sustainability.

What is the approximate Number of recommendations produced by this committee for the life of the committee?

302

Number of Recommendations Comments

For FY2018, recommendations were made in three reports. There were a total of

61 individual recommendations made in those reports. There is no record for the life of the committee, but recommendations from FY08-FY18 total 302.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?

50%

% of Recommendations Fully Implemented Comments

Data is difficult to estimate, as recommendations made by the Board are of an advisory nature.

What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?

50%

% of Recommendations Partially Implemented Comments

Data is difficult to estimate, as recommendations made by the Board are of an advisory nature.

Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?

Yes ☒ No ☐ Not Applicable ☐

Agency Feedback Comments

The Secretary of Agriculture provides written feedback to the Board for the majority of reports and recommendations received. In addition, the USDA Under Secretary for Research, Education, and Economics provides feedback on the implementation of the Board's recommendations on behalf of its four federal agencies at each biannual meeting of the Advisory Board. Any USDA/REE response to the recommendations is provided to Board members in writing either before or during the semi-annual Board meetings. Also, discussion time is provided for the Board members to ask questions of the Under Secretary for REE and any REE or agency staff present at the semi-annual meetings.

What other actions has the agency taken as a result of the committee's advice or recommendation?

Checked if Applies

Reorganized Priorities



Reallocated resources



Issued new regulation



Proposed legislation	<input type="checkbox"/>
Approved grants or other payments	<input type="checkbox"/>
Other	<input type="checkbox"/>

Action Comments

USDA's REE mission area has identified several of the Board's priorities as initiatives in this annual budget planning. Each year, some topics of national interest become higher priorities within the REE portfolio, such as those above. Resources might be reallocated by REE to address high interest priorities. The agencies are extremely effective in leveraging funding for a high priority R&D initiative that has high importance across other federal agencies; this is a win-win situation in its projected outcome and benefit.

Is the Committee engaged in the review of applications for grants?

No

Grant Review Comments

NA

How is access provided to the information for the Committee's documentation?

Checked if Applies

Contact DFO	<input checked="" type="checkbox"/>
Online Agency Web Site	<input checked="" type="checkbox"/>
Online Committee Web Site	<input checked="" type="checkbox"/>
Online GSA FACA Web Site	<input checked="" type="checkbox"/>
Publications	<input checked="" type="checkbox"/>
Other	<input type="checkbox"/>

Access Comments

N/A